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BENJAMIN A.
BERMAN, H.S.
BRADY, J.A.
BRANCH, D.B.
CARNIVAL, G.J.
COPP, R.D.
CORDOVA, R.C.
DAVIS, J.G.
EVERED, J.E.
FERRERA, D.W.
GOODWIN, R.
HANNI, B.J.
HEALY, T.J.
HILBIG, J.G.
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KRIEGER, D.
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SATTERWHITE, D.G.
SCHUBERT, A.L.
SHEPLER, R.L.
SULLIVAN, M.T.
SWANSON, E.R.
TAMAN, K.G.
KINSON, R.B.
WILSON, J.M.
ZANE, J.O.

CORRESP CONTROL
TRAFFIC

Reviewed for Addressee
Corresp Control RFP

8-27-92 On

DATE BY

Ref Ltr #

Department of Energy

ROCKY FLATS OFFICE
P O BOX 928
GOLDEN COLORADO 80402-0928

AUG 23 8 14 AM '92
92-DOE-9739

AUG 25 1992

EC&G
ROCKY FLATS PLANT
CORRESPONDENCE

AUG 28 1992

Mr Steve Burkett, Chief
Compliance Branch
Water Management Division
U S Environmental Protection Agency, Region VIII
999 18th Street, Suite 500
Denver, Colorado 80202-2405

Colorado Department of Health
Attention Robert Shukle
Monitoring and Enforcement Section
Water Quality Division
4210 East 11th Avenue
Denver, Colorado 80220

Gentlemen:

Enclosed please find the Discharge Monitoring Report (DMR) for July 1992 as required by the Rocky Flats National Pollutant Discharge Elimination System (NPDES) permit, Number CO-0001333

There was no spray irrigation from Pond B-3 during the reporting period. The reverse osmosis pilot plant (Monitoring Point 003) was not operated, and the reverse osmosis plant (Monitoring Point 004) did not discharge during the reporting period. The Sewage Treatment Plant (STP) discharged continuously to Pond B-3 and Pond B-3 discharged continuously to Pond B-5 during July 1992. Water from Pond B-5 was transferred to Pond A-4 from July 24 through July 31, 1992. Water from Pond A-3 was not transferred this reporting period. Offsite discharges from Pond A-4 occurred continuously from July 11 through July 24, 1992. Pond C-2 did not discharge during the reporting period.

Enclosure 1 is the DMR for July 1992 as required by the Rocky Flats NPDES permit, Number CO-0001333. Enclosure 2 is the additional monitoring data required by the NPDES Federal Facility Compliance Agreement that are not incorporated into the revised DMR forms received from the Environmental Protection Agency (EPA). Also, per your request, in Enclosure 3, is the whole effluent toxicity (WET) testing results for July 1992.

One permit limitation exceedance occurred during the month of July. On July 5, 1992, low influent flow at the STP resulted in excess sulfur dioxide (SO₂) dechlorination of the plant effluent, and the low pH limit was exceeded. The pH was raised above the minimum permit value of 6.0 within an hour by adding lime to the STP and lowering the chlorine and SO₂ feed rates. EPA was notified of this exceedance on July 6, 1992.

The quality assurance/quality control (QA/QC) checklist for the WET tests (Enclosure 3), indicates sample temperatures and test guidelines temperatures were not met. The sample temperatures were not met because the holding times between sample collection and sample delivery, when the samples are stored in ice, are too short to bring them to the required temperature. When received at the laboratory the samples are refrigerated to the required temperature. The testing guidelines temperatures were exceeded at the

ADDITIONAL RECORD

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Mr Steve Burkett, Mr Robert Shukle
92-DOE-9739

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AUG 25 1992

beginning of two tests by 1 degree This deviation did not appear to effect these test results These QA/QC discrepancies will be addressed with the contract laboratory

If you have any questions or comments on the enclosed discharge monitoring reports, please call me or Mr Tom Lukow of my staff at 966-4561

Sincerely,


James K Hartman
Assistant Manager
for Environmental Management

Enclosures

cc w/o Enclosures
T Lukow, WMED, RFO
C Franklin, EMB, RFO
J Dion, EMB, RFO
G Hill, EMB, RFO
D Hauser, FMMEB, RFO
J Kersh, EWM, EG&G
J Bruch, RFPU, CDH